REC 16-649

NH Public Utilities Commission

NHPUC 13JUN'16AM11:18

REC Aggregator Portal

New Users CLICK HERE to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account BEFORE entering information into the form, or the information will be lost.

Existing Users CLICK HERE

Basic Information

Who is submitting this request?

Aggregator

Aggregator Batch Number

KE060716

Are you registered in NH

- (•) Yes
- ( ) No

Aggregator name

Knollwood Energy

NH Reg #

Aggregator Email

karenton@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Name

Facility Owner Name

Matt Towne

Facility Owner email

mtowne@northeastsafetyconsulting.com

Owner Phone

603-767-9990

Facility Address

36 Stillwater Way

Facility Town/City

Barrington

Facility State

NH

Facility Zip

03825

Is the facility address the same as the owner's mailing address

- (●) Yes
- ( ) No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact

Karen Tenneson

Primary Contact

Facility Primary Contact

karenton@knollwoodenergy.com

Other Email Address

Facility Information

Class

II

Utility

Eversource

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON78573

Date of Initial Operation

05/10/2016

Facility Operator Name, if applicable

Panel Make #1

Astronenergy

Panel Model

Other

Panel Quantity

26

Panel Rated Output

260

Other panel make

Other panel model

More Panel types?

- (●) No
- ( ) Yes

Panel Make #2

Panel Model

Panel Quantity

Panel Rated Output

More Panel types?

- (●) No
- ( ) Yes

Panel Make #3

Panel Model

Panel Quantity

Panel Rated Output

System capacity based on panels

6760

Inverter Make

Solar Edge

Other inverter make

Inverter Quantity

1

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Rated Output - Primary Inverter

6000

Rated Output - Additional Inverter

System capacity based on single inverter make

6000

System capacity based on two inverter types

System capacity in kW as stated on the interconnection agreement

6.76

Revenue Grade Meter Make

Revenue Grade GIS Approved Meter

AEE SOLAR

Other revenue-grade GIS-approved meter

Was this facility installed directly by the customer (no electrician involved)?

- ○ Yes
- ◉ No

Electrician Name & Number

Ryan Bilodeau 12508M

Other Electrician Name & Number

Installation Company

Seacoast Energy Alternatives, Inc.

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Equipment Vendor Company Name

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ○ Yes
- ◉ No

Equipment Vendor

Subdeavor Logistics

Please attach your completed interconnection agreement including Exhibit B.

https://fs30.formsite.com/jan1947/files/f-5-99-6953257_KMbQzY8S_Towne_COC.pdf

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter (meeting ANSI C-12.1-2008 for installations up to and including 10 kW, or ANSI C12.16 or better for installations greater than 10kW up to 1 mW) is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

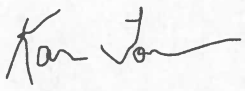
https://fs30.formsite.com/jan1947/files/f-5-168-6953257_dEmNYvwz_Towne_NHOS.pdf

Please attach additional document here

https://fs30.formsite.com/jan1947/files/f-5-173-6953257_K3Vc0hAU_Towne_SPIA.pdf

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Karen Tonnesen

Date Signed

06/07/2016

RECEIVED
MAY 10 2016
By

EVERSOURCE – NEW HAMPSHIRE
INTERCONNECTION STANDARDS FOR INVERTERS SIZED UP TO 100 KVA
Exhibit B - Certificate of Completion for Simplified Process Interconnections

Installation Information: ☐ Check if owner-installed

Customer or Company Name (print): Matt Towne

Contact Person, if Company: _____

Mailing Address: 36 Stillwater Way

City: Barrington State: NH Zip Code: 03825

Telephone (Daytime): 603-740-4333 (Evening): 603-767-9880

Facsimile Number: _____ E-Mail Address: mtowne@northeastsafetyconsulting.com

Facility Information: → Eversource Meter: 572428564

Address of Facility (if different from above): _____

City: _____ State: _____ Zip Code: _____

Electrical Contractor Contact Information:

Electrical Contractor's Name (if appropriate): Ryan Blodgett

Mailing Address: 78 Pine Street

City: Rochester State: NH Zip Code: 03867

Telephone (Daytime): _____ (Evening) _____

Facsimile Number: _____ E-Mail Address: rgb-frame@hotmail.com

License number: 10508M

Date of approval to install Facility granted by the Company: 11/03/16

Eversource Application ID number: SN_4404

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of:

City: BARRINGTON County: STRAFFORD

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection):

Signature: _____

Name (printed): JOHN HUCKINS Date: 5-10-16

Customer Certification:

I hereby certify that, to the best of my knowledge, all information contained in this Exhibit B – Certification of Completion is true and correct. This system has been installed and shall be operated in compliance with applicable standards. Also, the initial start-up test required by Puc. 905.04 has been successfully completed.

Please remember to provide digital photos of the installation, including the AC disconnect switch (if required), the existing Eversource meter, the inverters, and the point of electrical interconnection.

Customer Signature: _____

As a condition of interconnection you are required to email/mail/fax a copy of this form to:

NHDG@eversource.com
Eversource - Distributed Generation (NH)
780 North Commercial Street
P. O. Box 330, Manchester, NH 03105-0330
Fax No.: (603) 634-2924

New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Kruger Wind Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor, or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

Matthew D. Boone

Printed Name of signature owner

Signature of system owner

EVERSOURCE
INTERCONNECTION STANDARDS FOR INVERTERS
SIZED UP TO 100 KVA
Simplified Process Interconnection Application and Service Agreement

Facility Machine Information:

Generator ?
Inverter Manufacturer: Solaredge ✓ Model Name & Number: SE7600A-US ✓ Quantity: 1 ✓

Nameplate Rating: 10.95 / 6 ✓ (kW) 10.95 (kVA) 240 (AC Volts) Phase: Single ■ Three ☐

Nameplate Rating: The AC Nameplate rating of the individual inverter.

System Design Capacity: 10.95 ✓ (kW) 10.95 (kVA) Battery Backup: Yes ☐ No ■

System Design Capacity: The system total of the inverter AC ratings. If there are multiple inverters installed in the system, this is the sum of the AC nameplate ratings of all inverters.

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes ■ No ☐

Prime Mover: Photovoltaic ■ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other _____

✓ Energy Source: Solar ■ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other _____

Inverter-based Generating Facilities:

UL 1741 / IEEE 1547.1 Compliant (Refer To Part Pos 001 Compliance Path For Inverter Units, Part For 905.01 Inverter Requirements)

✓ Yes ■ No ☐

The standard UL 1741.1 dated May, 2007 or later, "Inverters, Converters, and Controllers for Use With Independent Power Systems," addresses the electrical interconnection design of various forms of generating equipment. Many manufacturers choose to submit their equipment to a Nationally Recognized Testing Laboratory (NRTL) that verifies compliance with UL 1741.1. This term "Listed" is then marked on the equipment and supporting documentation. *Please include, any documentation provided by the inverter manufacturer describing the inverter's UL 1741/IEEE 1547.1 listing.*

External Manual Disconnect Switch:

An External Manual Disconnect Switch shall be installed in accordance with "Part Pos 005 Technical Requirements For Interconnection For Facilities, Pos 905.01 Requirements For Disconnect Switches and 905.02 Disconnect Switch."

✓ Yes ■ No ☐

Location of External Manual Disconnect Switch: _____

Project Estimated Install Date: Mar 1 2016 Project Estimated In-Service Date: Mar 15, 2016

Interconnecting Customer Signature:

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions for Simplified Process Interconnections attached hereto.

Customer Signature: [signature] Title: Owner Date: 10/30/15

Please include a one-line and/or three-line diagram of proposed installation. Diagram must indicate the generator connection point in relation to the customer service panel and the Eversource meter socket. Applications without such a diagram may be returned.

For Eversource Use Only

Approved to Install Facility:

Installation of the Facility is approved contingent upon the Terms and Conditions For Simplified Process Interconnections of this Agreement, and agreement to any system modifications, if required.

Are system modifications required? Yes ☐ No ☒ To be Determined ☐

Company Signature: [signature] Title: Sr. Engineer Date: 11-5-15